

EIT Food Innovation Marketplace & Inauguration

Welcome



Reading I 21-22 February 2018





Welcome

Sir David Bell Vice-Chancellor University of Reading

Introduced By Andrew Carlin Director Co-Location Centre EIT Food North-West







Introduction

Ellen de Brabander Interim CEO EIT Food (2016 – 2018 January)

Margaret Bath CEO EIT Food



Agenda

Wednesday 21st February

Royal Berkshire Conference Centre, Madejski Stadium, Reading, Berkshire, RG2 OFL

10.00 – 11.00	Registration			
11.00 – 11.15	Welcome			
	Andrew Carlin, CLC Director North-West Sir David Bell, Vice-Chancellor, University of Reading			
11.15 – 13.30	Plenary session			
	Introduction Highlights from 2018 projects Call 2019 information			
13:30 – 14:15	Buffet lunch			
14.15 – 18.00	Innovation marketplace (including call helpdesk)	14:15 – 15:15	Training on call for proposals 2019 in Intranet EIT Food plaza	
	(including can helpdesk)	16.30 – 18.00	Official inauguration*	
18.00 – 19.00	Reception		-	
19.00 – 22.00	Dinner			



*all welcome

EIT Food Contact jente.schoutens@eitfood.eu - +32 484 72 48 14

Agenda



Thursday 22nd February

Royal Berkshire Conference Centre, Madejski Stadium, Reading, Berkshire, RG2 OFL

		08.30-09.30	RisingFoodStars
			PARTNER ASSEMBLY
09.30 – 12.30	Innovation marketplace	09.30 – 11.30	General
	(including call helpdesk)		PARTNER ASSEMBLY
12.30 – 13.30	Buffet lunch		
13.30 – 18.00	Innovation marketplace	13:30 – 14:30	Training on call for proposals
(including call	(including call helpdesk)		2019 in Intranet EIT Food plaza
	(16:00	Official closure

EIT Food Contact jente.schoutens@eitfood.eu - +32 484 72 48 14

Key for venues: Directors Lounge | Windsor Lounge | Princess Suite | 1851 and Kennet

Agenda



Friday 23rd February

University of Reading, Whiteknights Campus, Reading, Berkshire, RG6 6UR

09.00 – 12.30	Welcome Group meetings	09.30 – 12.30	Research Showcase & Facility tours on campus
	(on invitation) Various meeting facilities		
12.30 – 13.30	Buffet lunch		
13.30 – 15.00	Group meetings (on invitation) Various meeting facilities	13.30 – 15.00	Research Showcase & Facility tours on campus







Highlights from 2018 projects

Project teams of

Thorsten König Maarten van der Kamp Benoit Buntinx Saskia Nuijten Innovation Education Business Creation Communication







Innovation project

Project: My Yoghurt Elina Kytö Valio







Utilizing food waste-fed insects

- METAMORPHOSIS focuses on turning organic waste streams into a valuable, next generation aquaculture feed ingredient.
- Increased shortage of sustainable protein for food and feed has called for new approaches
- Insects are very efficient in transforming organic wastes into sustainable nutrients, rich in proteins and fats.





Sustainable aquaculture feed

- Methods:
 - Development and analysis of functional insect meals ('FIM') produced with Entomics' bioprocessing platform
 - Nutrition, safety and acceptance
 - Verify its performance with aquaculture trials
- This will result in:
 - a new EFSA feed additive application
 - reduced impacts of food wastage and provide renewable nutrients for a growing sector.

Partners: Entomics, UK - MATIS, Iceland - IATA-CSIC, Spain







Education projects

Project: Winterschool Shima Barakat (Cambridge) & Katrina Campbell (QUB)











Entrepreneurship Winter School 2017 Europe's Future Food System





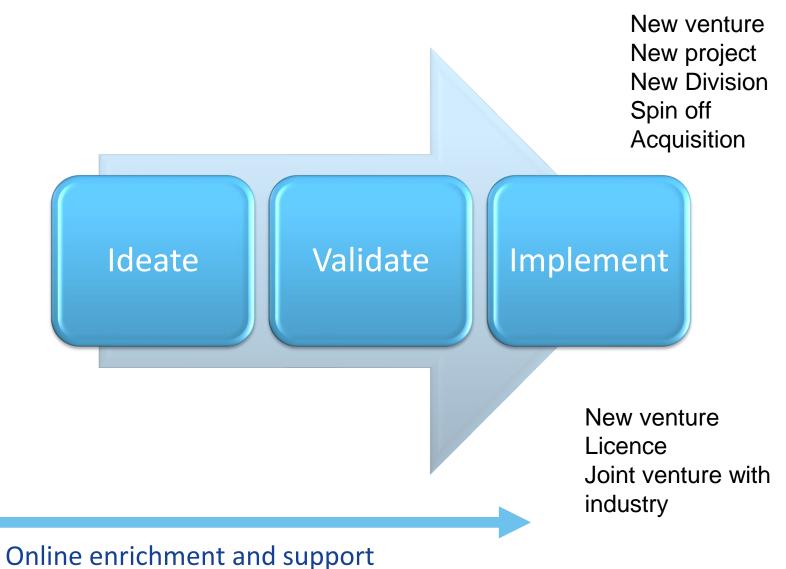
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bringin understanding issuer from international PUGlic proceed ility from form Creative solutions to market ---to food waste devolo methodsof J maximizing Entrepreneurship impact supply chain efficienc, transparency Anauthart Ane increase Onsumer Withter School delicious Insteness considering hist how to put things into action interdisciplinary Solving Ical - world perspective Prostims Sec problems meaningful way to use Equility of Slobary food wast making connection Mainty .



Commercialisation and realising impact





Source: adapted from Shane and Venketaraman, 2000

Expert Lectures









Facilitated Workshops





Corporate Engagement – PepsiCo partner





Engaging with the entrepreneurs and RisingFoodStars







Engagement with Food





Expanding Horizons





Thank you









Education projects

Project: The Circular Food Generator Track Veerle Carlier Colruyt Group





Food Generator Track







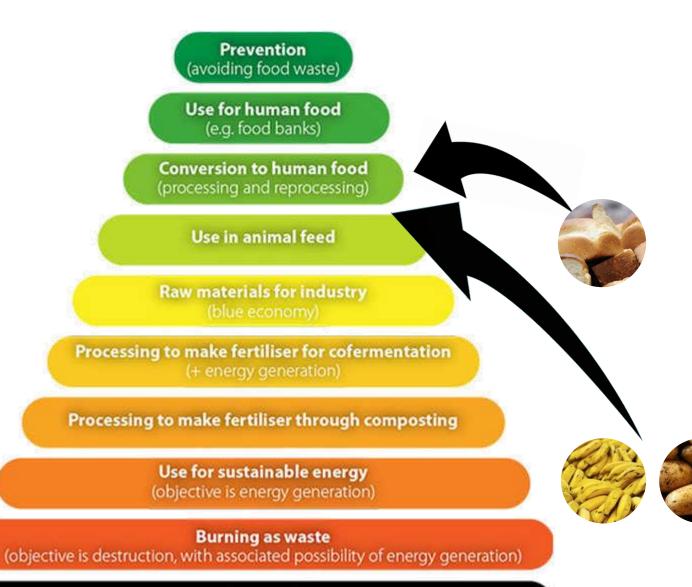


Waste



Secondary raw materials





Dumping (dumping of leftover food is prohibited)

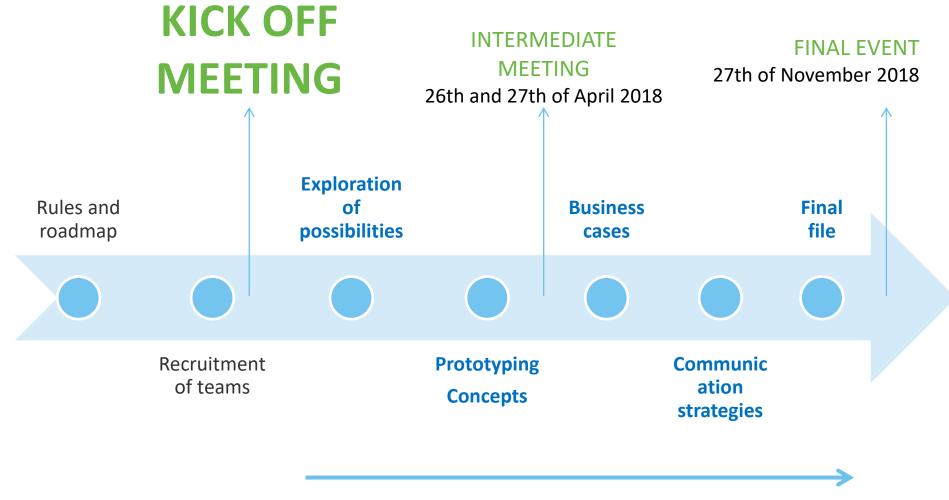




Goals:

- develop new innovative food solutions with high commercial potential
- offer an exciting, intensive learning period for students
- work on a real case, with the opportunity to develop solutions that may lead to financial and sustainability benefits
- learn from experts in retail, food industry and marketing
- resulting in a nicely framed certificate for later job application





Guidance of teams







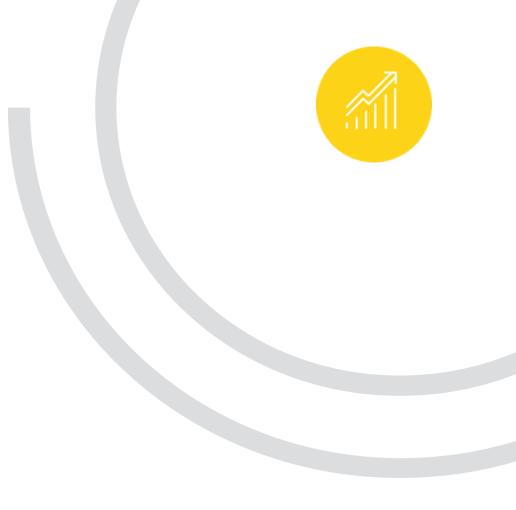






Business Creation project

Project: EIT Food Accelerator Network (EIT FAN) Chris Thoen Givaudan





EIT Food Accelerator Network



A network of accelerators across Europe to drive food sector innovation and business growth



Equity Free Funding



Access Markets & Customers



World-Class Curriculum



Expert Mentors And Coaches



Collaborative Co-Working



Powered By MassChallenge





Locations and Prizes



4 locations in 2018, with 10 start-ups per location, and €60,000 equity-free cash prizes for the best 3 start-ups









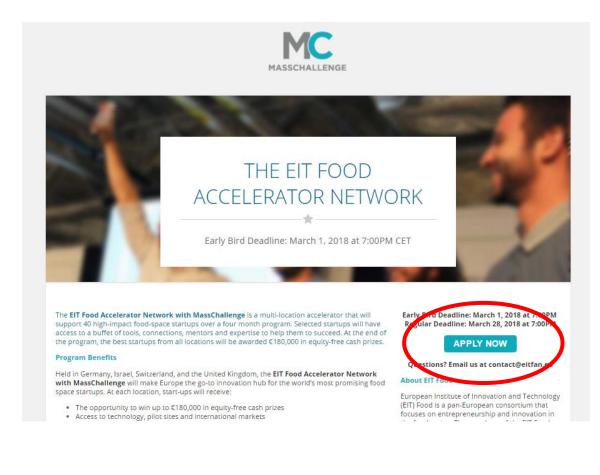




Application Now Open!



Go to <u>http://apply.masschallenge.org/eitfan2018</u> to apply for the programme, or to register as an expert mentor or judge









Rising Food Stars

Business Creation project

Project: RisingFoodStars Annick Verween RFS Manager EIT Food



RisingFoodStars

EIT Food partners have...

- Means
- Ambition
- People
- Facilities

But don 't have...

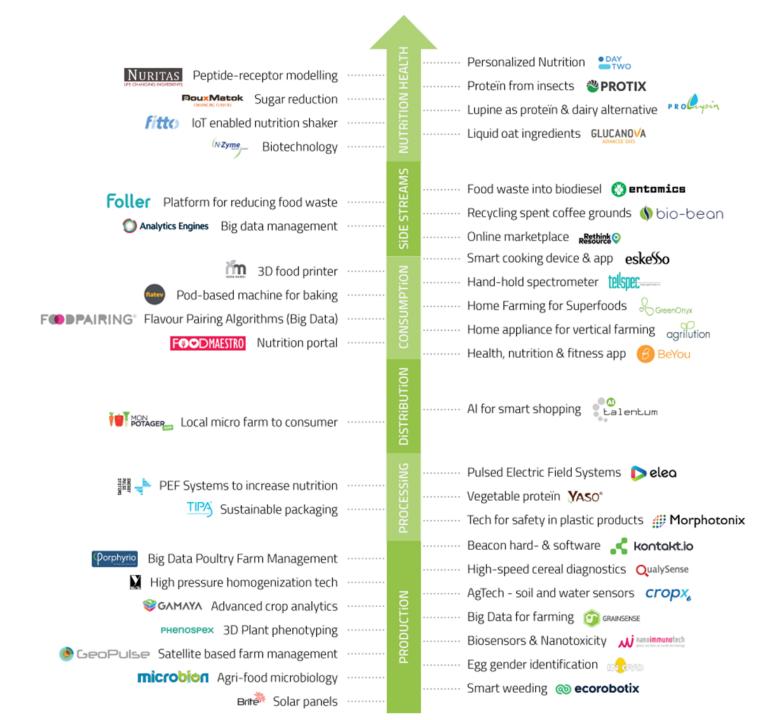
- Agility
- Ground-breaking innovations
- Bright, out of box ideas







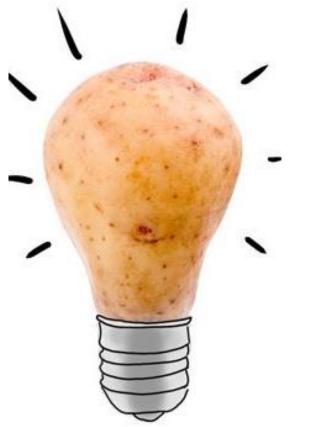






What's in it for you?

- Partner
 - Contacts
 - Collaboration opportunity
 - Investment opportunity
- Start-up
 - International context
 - Access to (1) network, (2) knowledge and technology, (3) market and (4) finance
 - Innovation support









Business Creation project

Project: Foodsparks[™] Benoit Buntinx Director Business Creation EIT Food



Foodsparks[™]

1. Goal

• A Seed & Early-Stage Fund dedicated to creating sizeable value by building world class new companies in the agri-food sector. FoodSparks invests at the most promising value creation phase: from Seed-2-Growth

• Cornerstone of EIT Food holistic approach in Business Creation

2. Characteristics of FoodSparks

- A 10-year investment vehicle with a 7-year investment and follow-on period
- Owned by EIT Food and investing EIT Food partners / professionally managed
- A € 15 17 mio targeted commitment (first closing)
- Creating a portfolio of 12-20 companies with a max. of € 1.5 mio / investment
- Management costs supported by EIT funding
- Investors funds are fully invested
- Net investments proceeds shared in a preferred way with EIT Food ivzw







FoodsparksTM

3. Focus

- All breakthrough technologies with market applications in the agri-food sector
- Support new start-ups throughout Europe within the strategic areas defined by its Advisory Board (investors)
- Collaborate actively with existing Seed and VC funds in Europe

4. Next steps

- Finalize the structure with the legal advisers in accordance with the EIT strategic agenda and EU rules
- Reach out to the committed partners to fine tune and validate FoodSparks
- Create the holding company and start working on the deal flow



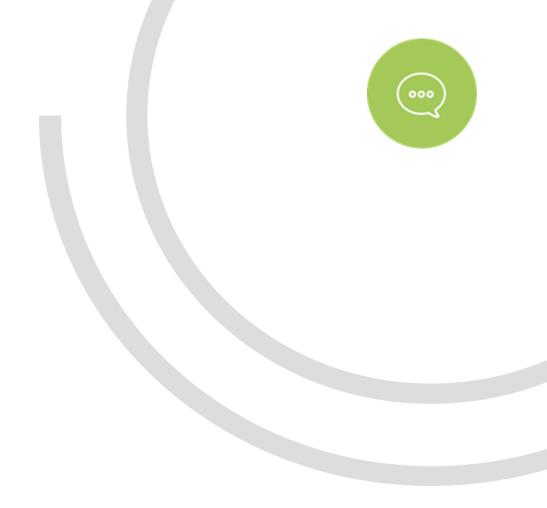






Communication projects

Project: MyFoodPortal Davide Carrino EUFIC





Getting information off the Internet is like taking a drink from a fire hydrant.

Mitchell Kapor

The world we live in now







David "Avocado" Wolfe

"The rock star and Indiana Jones of the superfoods and longevity universe. The world's top CEOs, ambassadors, celebrities, athletes, artists, and the real superheroes of this planet—Moms—all look to David for expert advice in health, beauty, herbalism, nutrition, and chocolate!"

Trust is low



2017 2016 Percent trust in the four institutions of government, business, media and NGOs, 2016 vs. 2017 Trusted All four institutions distrusted Neutral 50% 49 47 47 46 42 34 Distrusted 33 (-3 0 +1 MGOs A Media Business A Government

Source: 2017 Edelman Trust Barometer. Q11-620. Below is a list of institutions. For each one, please indicate how much you trust that institution to do what is right using a nine-point scale, where one means that you "do not trust them at all" and nine means that you "trust them a great deal." (Top 4 Box, Trust) General Population, European Union.



Source: 2017 Edelman Trust Barometer. Q754. You are about to see a series of two choices. Each choice describes a different source of information, a different format for presenting information, or a different style of communicating information. For each pair, we want you to choose the one that you are more likely to believe is giving you the truth. While we know that some of these choices may not be easy, please do your best to select only one of the two options given--the one that is most likely to be true most often. General Population, European Union, choices shown to half the sample.

LOV "10 reasons why food technology helps the environment"

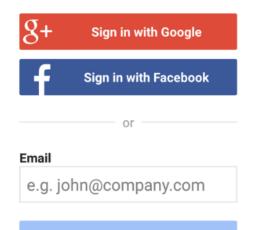
WebMD

Please sign in.

BuzzFeed

with

omg





15 ways you can lessen your environmental impact without changing your diet

Rhie Heyssel · Organizer at Pennsylvania Democratic Party

Just a suggestion for future articles to be more inclusive: Perhaps say something like "If you are physically able, don't buy precut veggies/fruits/cheese". For people with certain kinds of disabilities, it's not just "a few minutes" to cut things up. It's a repetative task that takes a toll, and takes a while, and causes a lot of pain. Pre-cut vegs/fruits/cheese have been a godsend for certain people, basically.

And before someone says it: It doesn't matter if that is why companies decided to make these convenience items or not. In the end, it makes disabled people's lives better. Just like kindle, just like instacart. It's actually a GOOD thing for companies to be inclusive without trying.

Like · Reply · 101 · 3d

- Manda Lynn Adams · Pastor at First Community Church UCC Dallas
 - Yes! Pre-cut fruits and veggies allow me to eat healthier without flaring up my arthritis.
 - Like · Reply · 1 29 · 3d

Angela Nestico

That would defeat the purpose of the list.

Like · Reply · 15 · 2d

- Cherie Perryn · Intervention Facilitator at Polk County Public Schools
- I agree!! I have horrible carpel tunnel. Already have had surgery, but it was not successful. So buying pre-cut vegetables is a life saver for me!

Like · Reply · 1 8 · 2d

Key messages

- Innovation
- Solutions (through co-creation)
- Honesty and transparency

• Good, quality, factual information users can trust with a personal voice

Functions

- Engagement
- Entertainment
- Information
- Education





Aim of MyFoodPortal



Engaging citizens as enthusiastic change agents through:

- Consumer collaboration platform
- Two-way community: dialogue between academia, industry and consumers is at the core
- A place to interact and learn about a healthy lifestyle and sustainable choices in the context of new technologies
- A place for start-ups and industry to gain feedback, cocreate and explore innovation drivers



Some key findings



- People are unfamiliar with food technologies, they evoke negative connotations and feelings of unnaturalness.
- Trust in food technologies can be increased by emphasising benefits and safety, and through the use of trusted [personal] voices.
- People are more willing to trust when transparency and social responsibility are demonstrated.
- People don't visit specific websites apart from news sites. They search for things they are interested in or scared of or they get their content from social media feeds.
- The most successful online platforms are: personal, relevant, simple and easy-to-use, visual, contain expert verified facts, word-of-mouth marketing, linked to social media



















1. Partner Content Creation

- Make a short video (30 seconds 1.5 min)
 - How [your] food is made, Why are you innovative?, new processes, health benefits or sustainability of a new technology......
- We do not accept:
 - Product advertising, corporate promotion, corporate videos
- This is a chance to show yourself and your social responsibility commitments which increases **trust**
- Deadline: 31 August 2018
- Contact: Sofia Kuhn (sofia.kuhn@eufic.org) for editorial guidelines before starting





2. Submit a project proposal

Criteria

- Added-value
- Interactive and entertaining
- For the general public

What?

- Visual content
- Apps
- Games
- Surveys/polls
- Campaigns

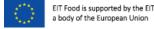




Thank You

For more information contact: sofia.kuhn@eufic.org







Call information

Lieven Tack

Thorsten König Functional directors All Monitoring cycle 2018 and call process 2019 Grand Challenges Goals for projects in the call Q&A





Monitoring cycle 2018 and call process 2019

Lieven Tack COO EIT Food





Phases of Call for Proposals 2019

• Pre-call:

- Partner consortia define outline proposals
- Runs from 19 February 2018 till 21 March 2018
- Information required:
 - >Title, lead partner and consortium description
 - ➢Summary of proposal
 - ➢Work plan and KPI target values
 - Estimated costs and contribution to sustainability
- Experts issue (by 20 April 2018) recommendation to go ahead or not:
 - "Proceed" = develop further for final call
 - "Don't proceed" = do not develop further (low probability to pass in final call)

Phases of Call for Proposals 2019



• Final call:

- Selected proposers develop full proposals
- Proposals not submitted for pre-call cannot be submitted for final call
- Runs from 23 April 2018 till 6 June 2018
- Information required in addition to pre-call:
 - ➢ Detailed budget 2019
 - >Activity and tasks to be broken down in cost items and explanations
 - ➤Funding request and KCAs
 - Return on investment and contribution to sustainability
- Decision on selected proposals and feedback by 31 July 2018

Activity areas



- Innovation
- Business creation
- Education
- Communication
- Regional Innovation Scheme (RIS, 13 target countries)
- Grand Challenges

Scope of proposals



- Include roadmap for implementation of results, risks and management
- Define output and impact:
 - Link deliverables to Strategic Objective(s)
 - Indicate added value and business and societal impact
- Demonstrate reason for success
- Detail next steps of implementation beyond project duration:
 - Commercialisation
 - Scale-up
 - Dissemination
 - Etc.
- 2018 activities for 2019 must be submitted (including 1 June 2018 milestones)

Organisation of proposals



- Strong partner consortium and commitment
- One partner organisation takes the lead partner role (Activity Leader)
- European dimension involving:
 - Multiple CLCs
 - Multiple partners (both science and industry)
 - Multiple areas of food system
- Activity duration:
 - One year
 - Multi-annual proposals (exceptional) & undergo annual review and approval
- RIS proposals undergo standard review procedure (with RIS eligibility check)
- Proposals are entered via online submission tool Plaza

Assessment of proposals



- 1. Match with and contribution to Strategic Objectives
- 2. Contribution to Strategic Agenda of at least one of functional pillars
- 3. Innovation and valorisation and potential of underlying technology
- 4. Consumer-centricity and co-creation
- 5. Added value, contribution to EIT core KPIs and KIC specific KPIs and impact
- 6. Overall attractiveness, technical feasibility and business viability
- 7. Quality and feasibility of activity plan (budget, tasks, deliverables, schedule)
- 8. Partner commitment and European dimension
- 9. SME and start-up involvement
- 10. Return on investment and contribution to sustainability

Classification in Business Plan 2019



- Three levels:
 - "A" = good chance to be included in Business Plan (even medium budget)
 - "B" = risk to be excluded if budget is lower than expected
 - "C" = normally budget increases needed to be included
- Eligibility of costs is crucial all cost aspects must be fully in line with:
 - H2020 financing rules
 - Framework Partnership Agreement
 - Specific Grant Agreement
 - EIT requirements and guidelines

Financial sustainability



- EIT Food wants to become more and more independent from EIT
- Achieving financial sustainability is gradual and long-term process
- Projects with financial return on investment (next to impact) are preferred
- Examples:
 - Revenue sharing of product/service sales
 - Sharing of IP licensing revenues
 - Equity in start-ups
 - Tuition fees for education
 - Etc.
- Sustainability proposals will be turned into a formal agreement
- In subsequent years, financial contribution will become mandatory



Thanks!

Contact:

CfPsupport@eitfood.eu







Grand Challenges

Thorsten König Innovation Director EIT Food





EIT Food's Ambition: Transformation of the current Food System in Europe

We are committed to deliver tangible impact for

- Industry
- Society
- Consumers



86 number of start-u



285,000 number of participants

in education programmes



147,000 Consumers participating in the Trust Barometer **86** number of start-ups created*



533

Number of start-ups supported by the KIC



191,6€m Investment attracted by start-ups supported by the KIC







number of patent applications filed



1655 External participants in EIT Food RIS programmes**



What are "Grand Challenges"

EIT Food Strategic Objectives (SO) to focus our efforts

Grand Challenges

ONE key focus area for each SO Stimulating project proposals:

- ambitious, high impact
- systemic, holistic solution
- collaboration is essential
- multi-year approach
- separate budget reserved

- SO 1: Overcome low consumer trust
- SO 2: Create consumer-valued food for healthier nutrition
- SO 3: Build a consumer-centric connected food system
- SO 4: Enhance sustainability through resource stewardship
- SO 5: Educate to engage, innovate and advance
- SO 6: Catalyse food entrepreneurship and innovation



Design of Grand Challenges







Grand Challenges

SO 1: Overcome low consumer trust & enhance transparency

"Can we build business models which monetise transparency & other trust factors"

SO 2: Distorted nutritional habits: Create consumer-valued food for healthier nutrition "Developing systems to provide personalised food solutions for healthier living and addressing known health risks"

SO 3: Fragmented supply chain - Build a consumer-centric connected food system

"Understand and develop the supply chain to deliver Fair and Healthy products and services for the consumer"





Grand Challenges

SO 4: Enhance sustainability through resource stewardship

"Transforming efficiency in primary food production"

SO 5: Skills gap: Educate to engage, innovate and advance

"Educating the next generation through participative learning for an engaging food system"

SO 6: Limited entrepreneurial culture - Catalyse food entrepreneurship and innovation **"Value Chain: keep it smart & simple"**



Framework

- Leveraging initiatives already "in flight"
- Clear Roadmap and Implementation Plan
- Delivering tangible results
- Including at least 2 functional pillars
- Duration up-to 3 years (with annual go / no-go decision)
- EIT Funding 2018: EUR 1M per Grand Challenge





- SO 1: Saskia Nuijten <u>saskia.nuijten@eitfood.eu</u>
- SO 2: Thorsten König <u>thorsten.koenig@eitfood.eu</u>
- SO 3: Stephane Durand <u>s.durand@qub.ac.uk</u>
- SO 4: Peter Jens <u>pjens@koppert.nl</u>
- SO 5: Maarten van der Kamp <u>maarten.vanderkamp@eitfood.eu</u>
- SO 6: Benoit Buntinx <u>benoit.buntinx@eitfood.eu</u>

Meet these GC contacts: today 15h30 – 16h in the small green room (kennet)





Goals for 2018 Innovation projects

Thorsten König Innovation Director EIT Food



EIT Food Innovation programmes



EIT Food Assistant



Your Fork2Farm



The Web of Food



The Zero Waste Agenda Empower consumers to self-monitor lifestyle and health performance and enable informed healthier decisions and sustainable consumption habits

Consumer-centric "fork-to-farm" approaches to deliver personalised healthy food at economies-of-scale associated with mass production

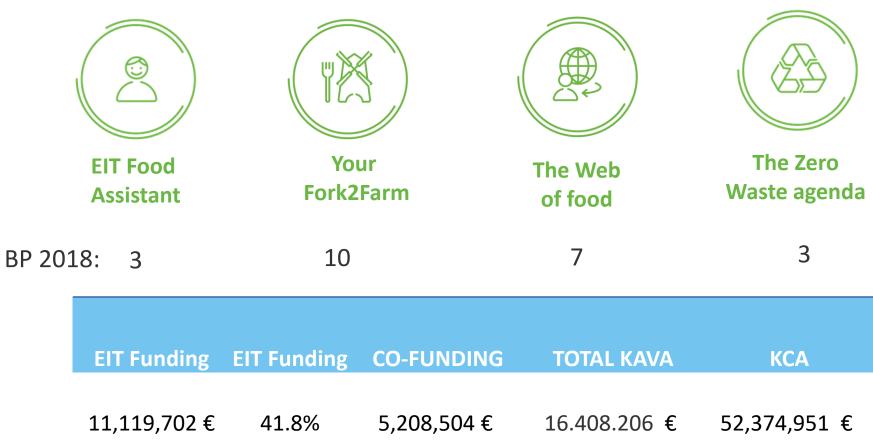
Digitalisation of the food system to boost a demand-driven, resourceefficient food production and build trust by increasing traceability and auditability of food quality, safety and authenticity

Transforming today's linear "produce-use-dispose" model into a circular bio-economy centered around the consumer



Innovation Activities 2018

• 230 ideas \rightarrow 65 pre-call proposals \rightarrow 43 Innovation Proposals







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Towards an Impacful Portfolio

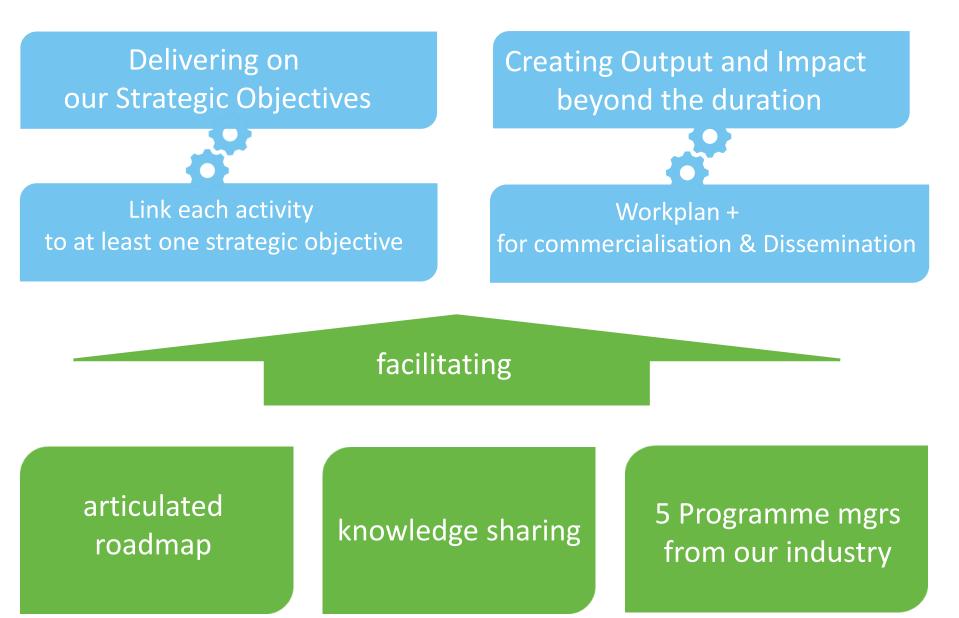
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Towards an Impactful Portfolio







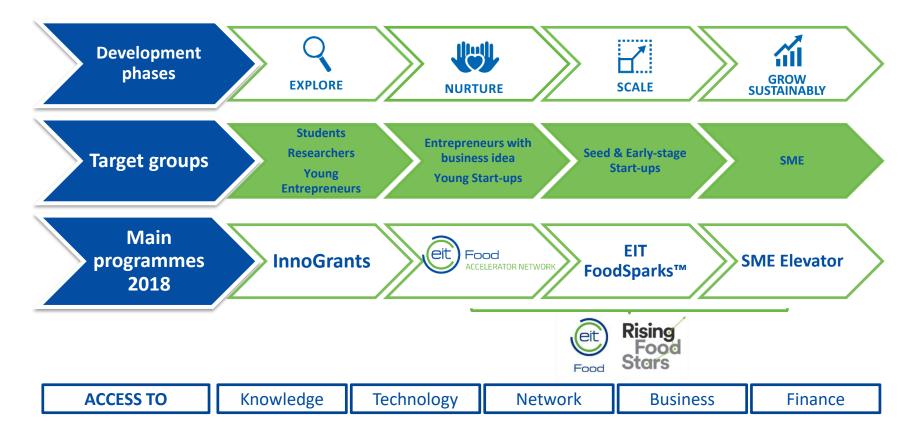
Goals for 2018 Business Creation projects

Benoit Buntinx Business Creation Director EIT Food



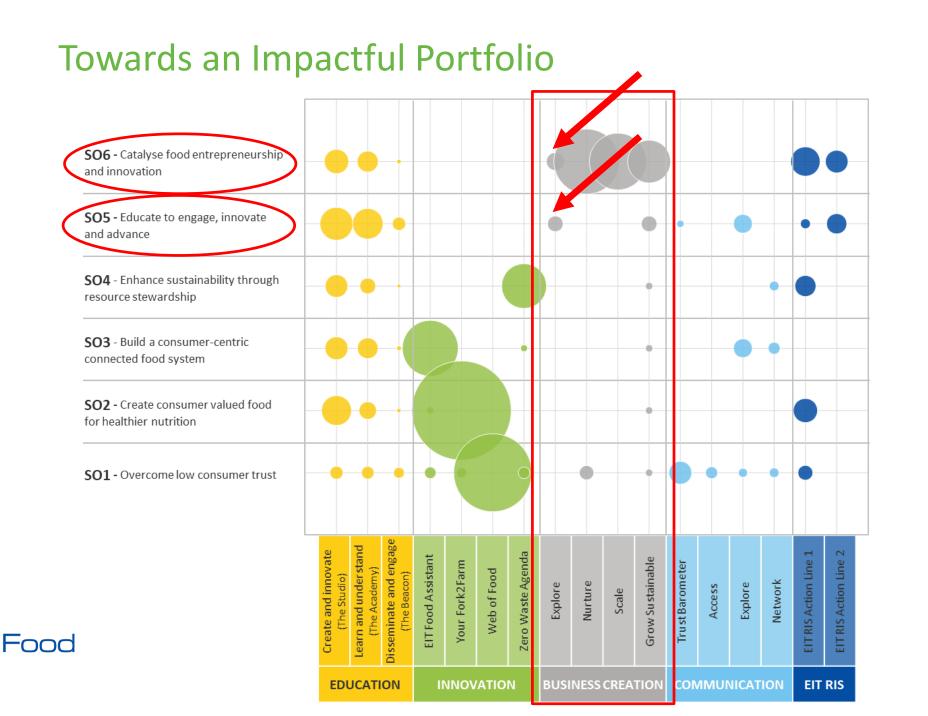
Value chain of Business Creation









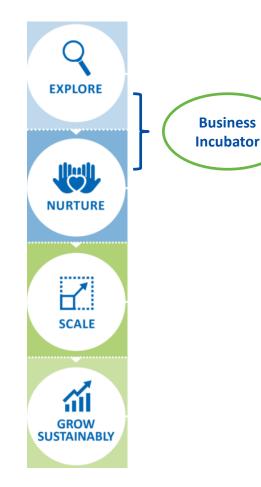


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Call for Business Creation projects 2019



We are calling for Business Incubation activities that:

- ensure continuity between the entrepreneurshiprelated activities in Education and the EIT Food Accelerator Network,
- build on a multi-dimensional action plan that considers technology maturation, business modeling and training / people management,
- are executed within at least 2 CLC's,
- strongly involve partners from academia and industry in a collaborative way,
- are implemented, further developed and scaled in close collaboration with EIT Food Business Creation team from 2019 onwards.

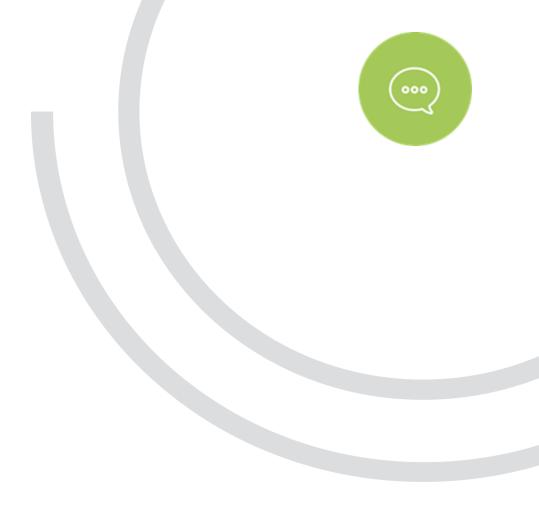






Goals for 2018 Communication projects

Saskia Nuijten Communication Director EIT Food





Communication programmes

Access	Make information available and accessible to large consumer groups
Explore	Increase public knowledge/interest in food by providing opportunities to experience
Network	Build a strong global professional stakeholder network around EIT Food and its partners



Citizens / Consumers centricity: our 2018 activities

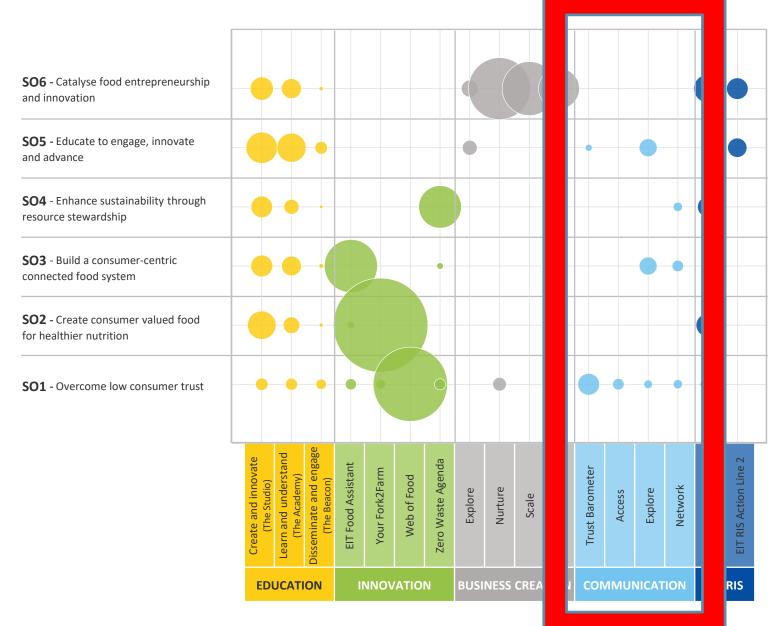
Call

- Don't be a food waster: consumer campaign (plan)
- EIT Food School network: improve eating habits and reduce food waste of school children
- Games of Food: increase knowledge of a balanced nutrition
- Food ambassadors programme: influencer marketing
- Cultivating engagement: citizen participation forum on vertical farming

Non-call

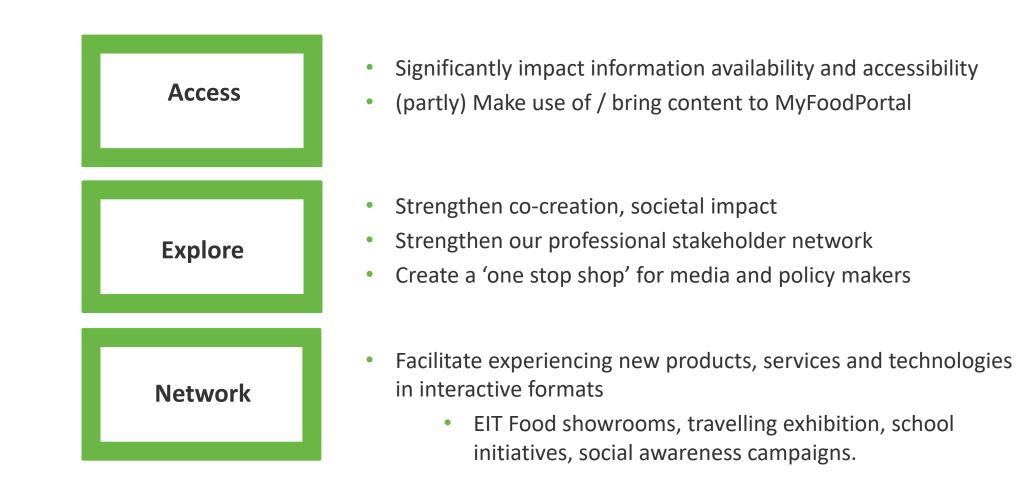
- TrustBarometer: measure influencers and outcomes of trust over time
- **MyFoodPortal:** online consumer collaboration forum
- Citizen participation forum on trust: citizen event in several European countries

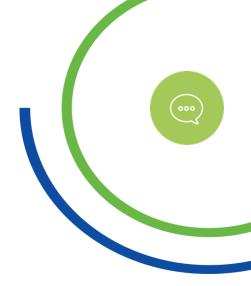
Towards an impactful portfolio





We are calling for activities that







Goals for 2018 Education projects

Maarten van der Kamp Education Director EIT Food





EIT Food Education Programmes

Educate to engage, innovate and advance:

- Develop a capable HR pool for the sector by providing 'food system' skills for students, entrepreneurs and (SME) professionals through advanced training programmes
- Engage citizens / consumers via popular science educational programmes ۲





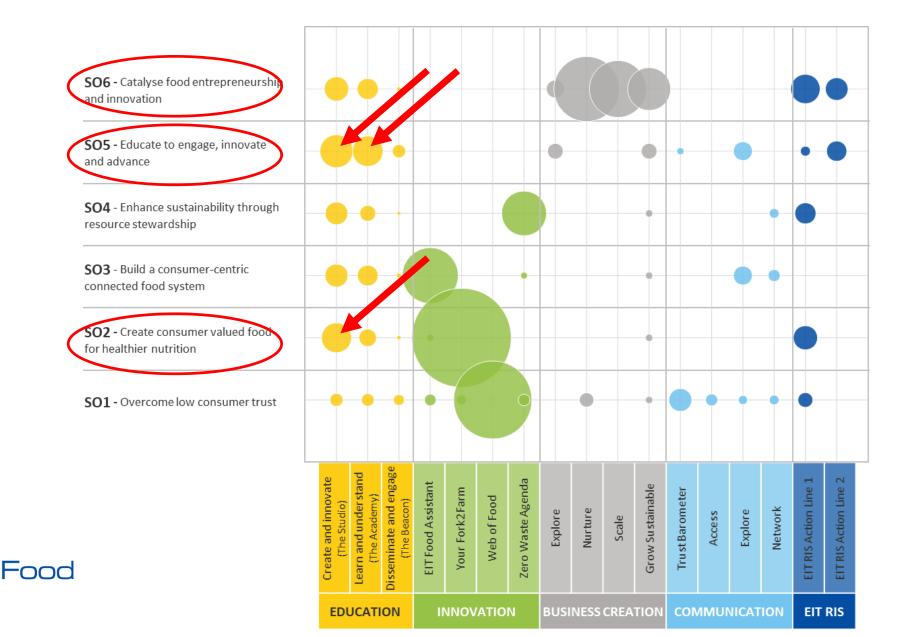




From programmes to portfolio

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We are calling for activities that





- Develop the portfolio of SPOCs, driven by industry need
- Develop Professional Development Courses (certificatebased)
- Strengthen the Food Solutions offerings
- Create innovative (themed) Summer Schools
- Expand the SME workshops
- Develop the portfolio of MOOCs in response to consumer and citizen demand, using innovative modes of learning

















13:30 - 14:15Buffet LunchBut first, time for the group pic!

- 14:15 15:15 Open training on introducing call 2019 proposals in Intranet Plaza
 14:15 18:00 Innovation Marketplace
 Call helpdesk
 16:30 18:00 Inauguration EIT Food all welcome
 18:00 19:00 Reception
- 19:00 22:00







Inauguration EIT Food



Reading I 21-22 February 2018









Official Inauguration EIT Food

Margaret Bath CEO EIT Food







The European Institute of Innovation and Technology

Manuel Irun Molina Programme Officer - Innovation Communities Unit EIT







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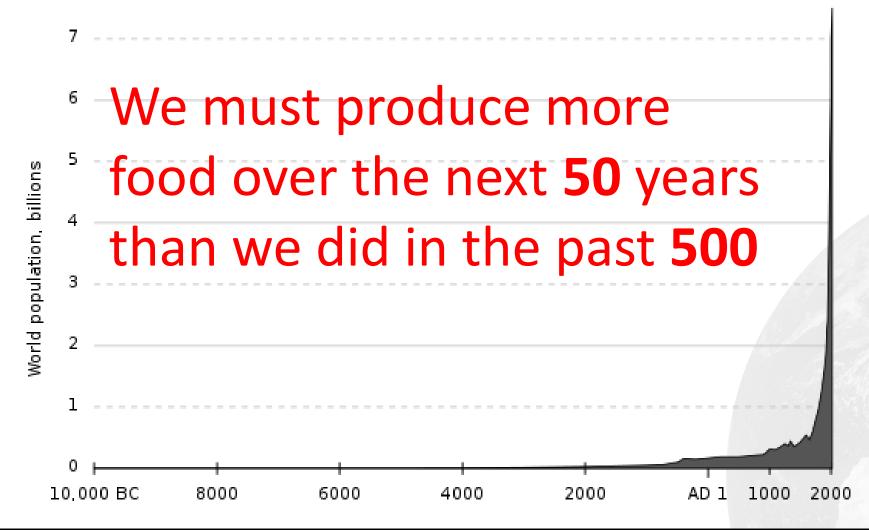
Building a Food System based on the Principles of Integrity

Professor Chris Elliott, OBE

Pro-Vice Chancellor, Faculty of Medicine, Health and Life Sciences Founder, The Institute for Global Food Security Queen's University, Belfast

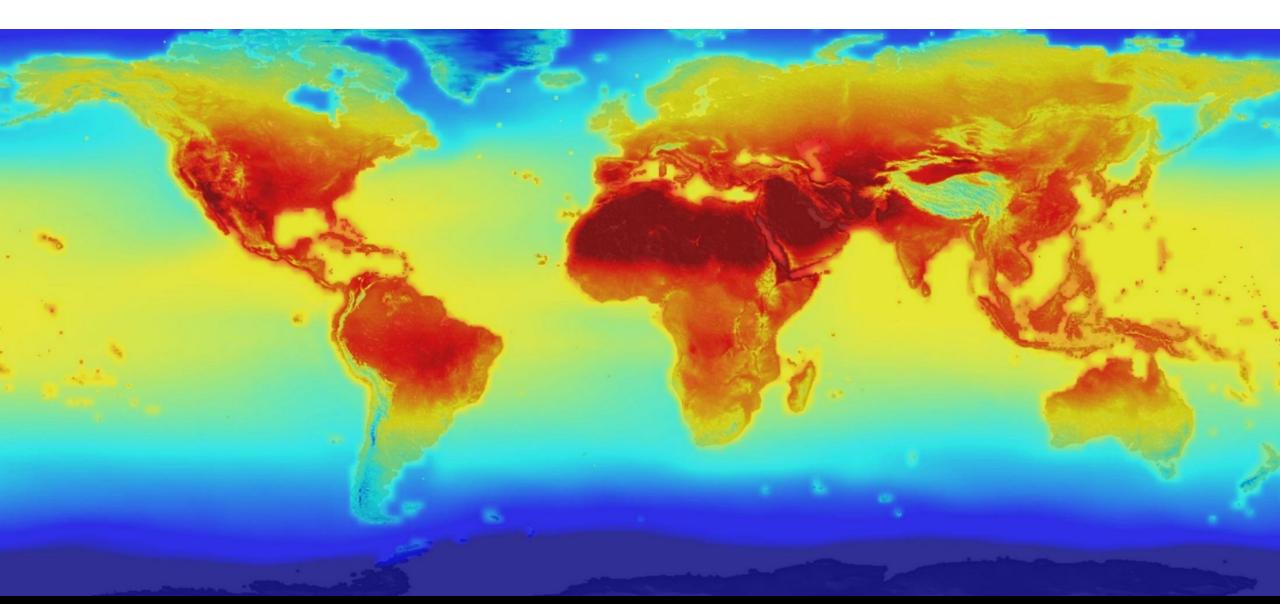






www.qub.ac.uk/igfs



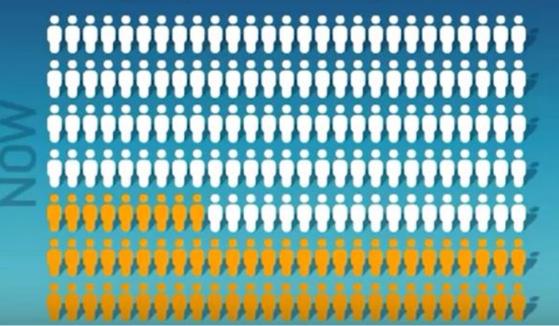








Currently, **one third** of the world population lives in countries where there isn't enough water or its quality has been compromised.



But by 2025 it is expected to rise to two-thirds

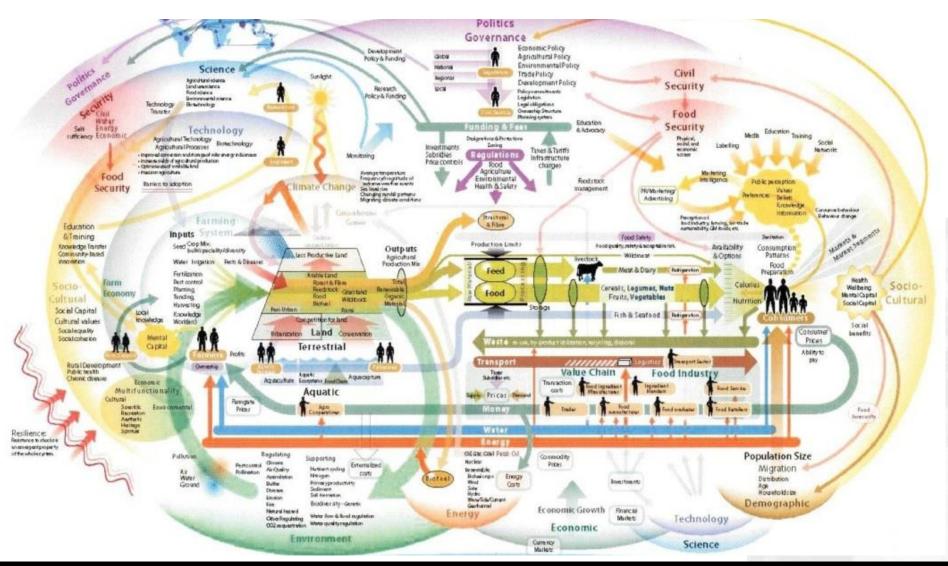






Trust supermarkets, manufacturers & government





www.qub.ac.uk/igfs



Food security: when all people, at all times, have physical, social and economic access to sufficient, safe & nutritious **food** that meets their dietary needs and **food** preferences for an active and healthy life.







Food integrity: when all people, at all times, have access to **food** which is safe, authentic and nutritious. The systems used to produce the **food** are sustainable, ethical, respect the environment and protect the human rights of all workers.





The 6 Principles of Food Integrity

1. The food we produce is safe

2. The food we produce is authentic

3.The food we produce is nutritious

4. The systems used to produce our food are sustainable

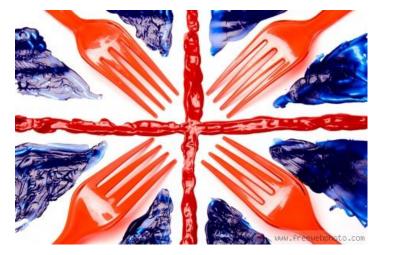
5.Our food is produced to the highest ethical standards

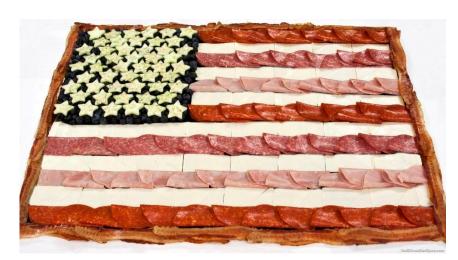
6.We respect the environment and all those who work in our food industry





The food we produce is safe









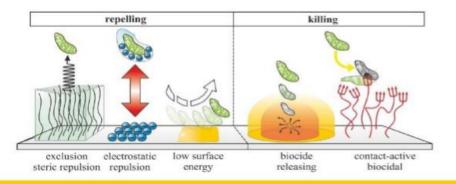




Antimicrobial packaging

□ Integration of antimicrobials agents into packaging materials

D To kill or to inhibit the pathogenic and spoilage microorganism







The food we produce is authentic



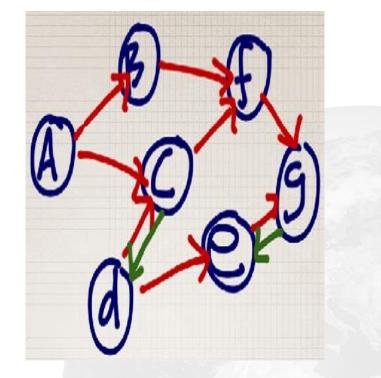














The food we produce is nutritious





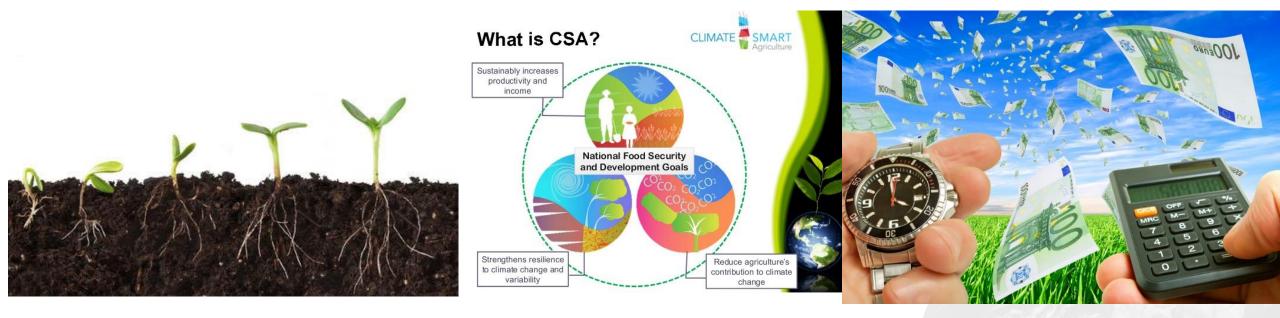




The systems used to produce our food are sustainable

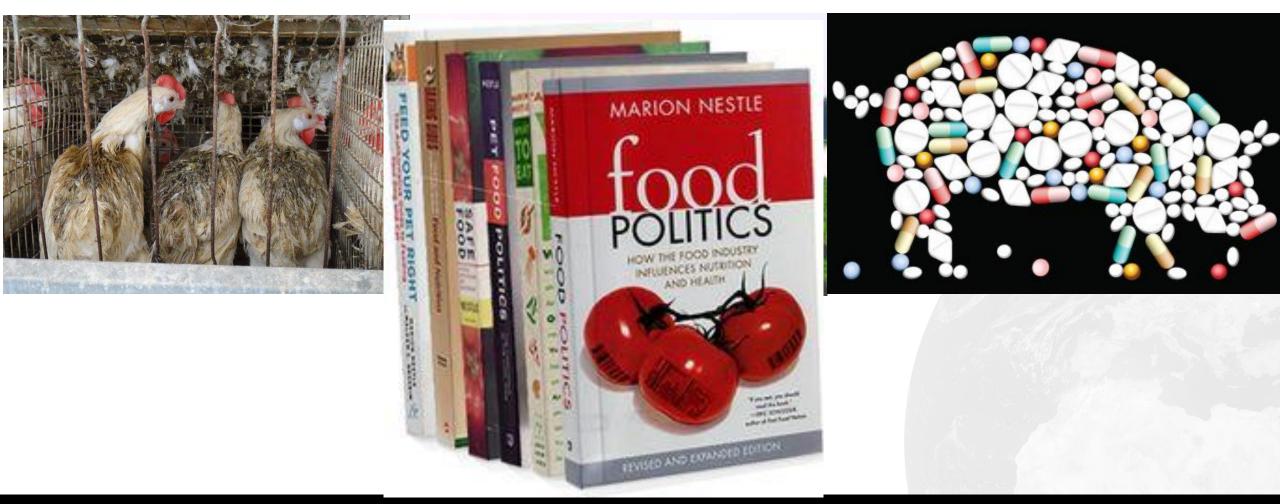




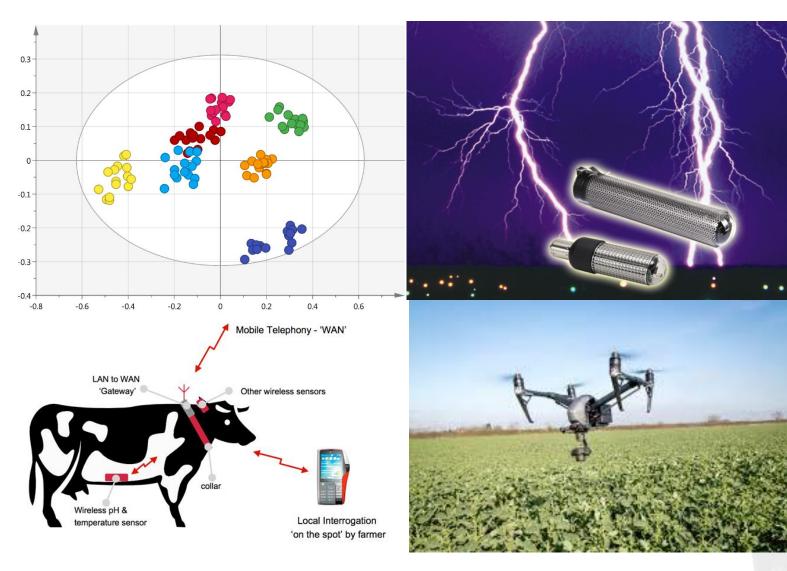




Our food is produced to the highest ethical standards





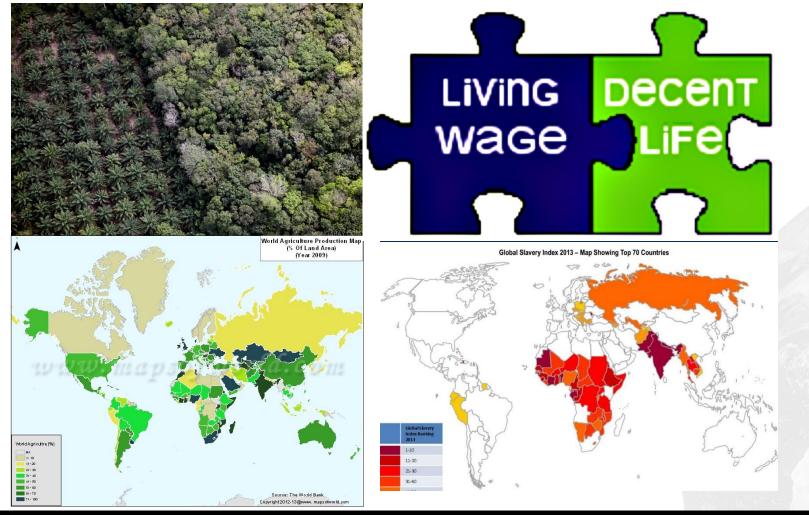






We respect the environment and all those who work in our food

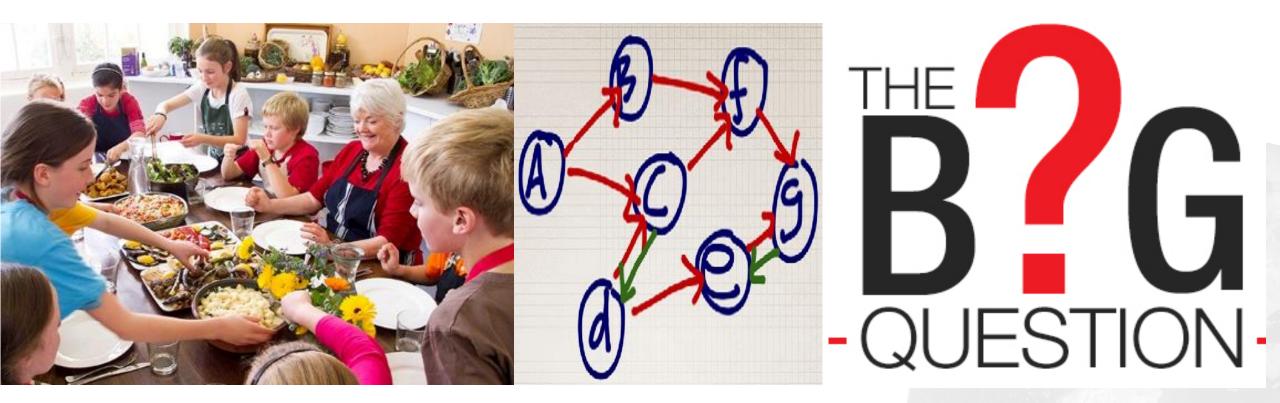
industry





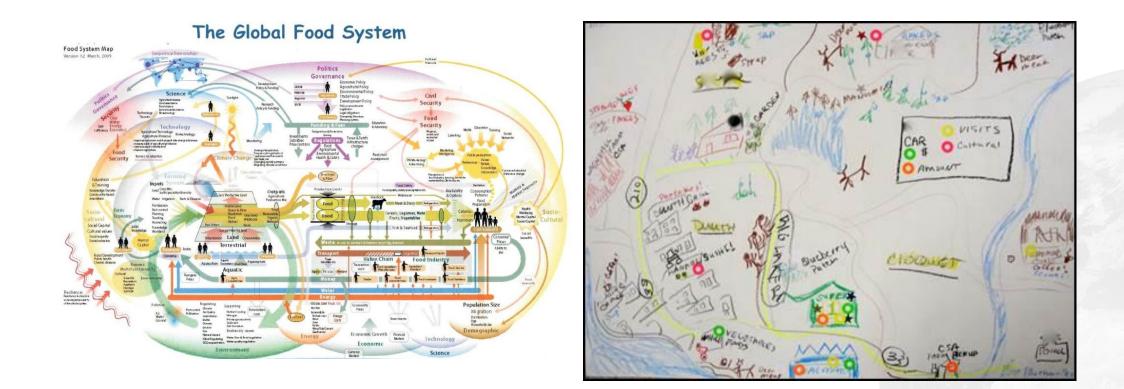






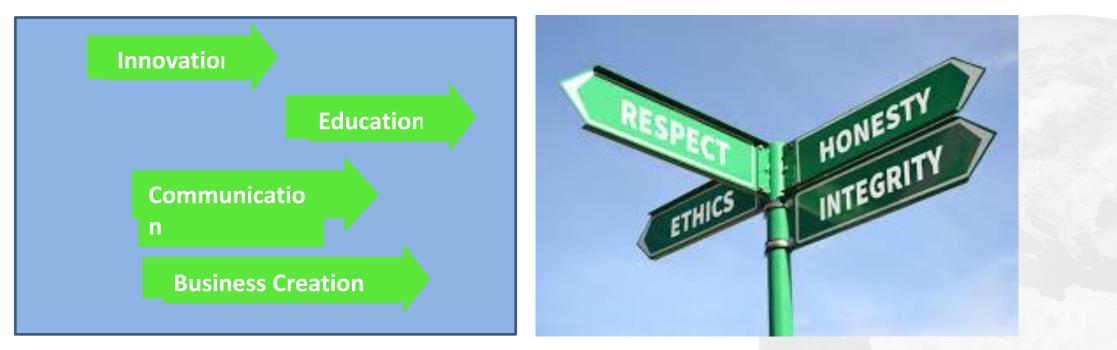


Building a European food system based on integrity











OUR BELFAST FOOD **SUMMIT ON IS OUR GLOBAL FOOD** FUTURE **NTEGRITY ASSET 2018**

WATERFRONT HALL 29TH-31ST MAY



Innovation in the food business in the UK

Jayne Brookman Head KTN (UK knowledge transfer network) Agri-food





EIT Food Inauguration

Food System Innovation - a view UK, Eire and Iceland



Jayne Brookman

Head of AgriFood, KTN



Eire AgriFood

8.4% Total employment (2015)

7.6% GVA (2014)

€11.15bn exports (2016)

Dairy Products/Ingredients Beef Prepared Meals

Beverages

Source: www.bordbia.ie





Iceland AgriFood

Employment- 4% manufacturing plus 2% fish processing 4.2% agriculture, fishery and aquaculture

47.4% manufacturing output in 2014 (€4.3bn)

Fisheries (cod) and Aquaculture (salmon, char, trout)

www.ktn-uk.org @KTNUK

Lamb

Dairy – Skyr

Innovate UK

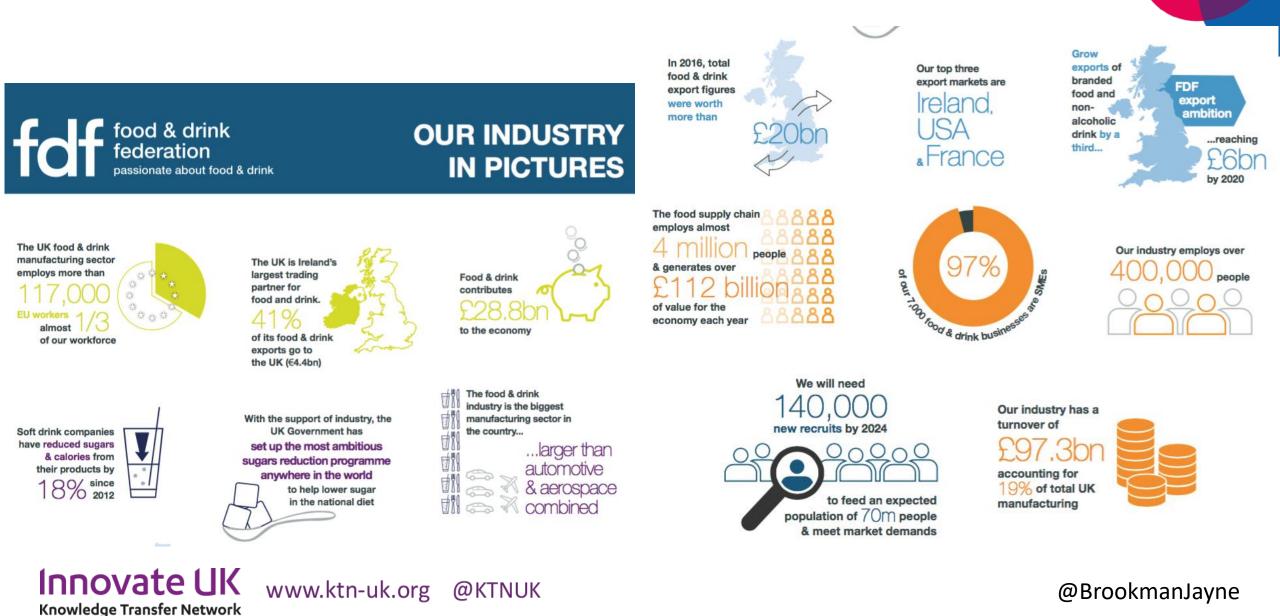
Knowledge Transfer Network

Protected crops (using geothermal energy)

Source: Iceland in Figures, 2016



Food and Drink Manufacturing UK



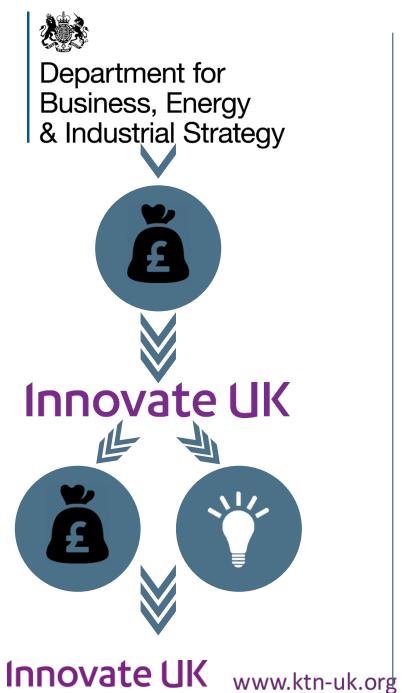
UK Food Manufacturing

6600 SMEs – 96% businesses, 27% employment, 19% t/o

Large national businesses, branded and private label

Multinational including R&D centres





Knowledge Transfer Network

Innovate UK The UK's innovation agency An NDPB funded by BEIS

KTN

@KTNUK

The UK's innovation network Supported by Innovate UK

Food Sector Group: INDUSTRY-LED proposal: benefits for society & the

UK economy



RESPONSIBLE, GREAT TASTING PRODUCTSForEnabling energy density reduction across portfolios by 2020.GuMaintaining consumer enjoyment in line with nutritional
guidelinesPre

Food materials science and processing Gut microbiome: how to influence effect on long-term energy balance Consumer behavioral psychology Preservation without sugar/salt and processes for safety by design

×	SIDE-STREAM VALORISATION	Bioconversion for sustainable, low calorie, affordable ingredients and
A.S.	Valorisation of UK agricultural & food processing side-streams as	high-value functional ingredients at lower cost
	high-value nutritious food ingredients	New processes for new sources of staples especially sustainable protein
2	Reduce waste in supply chain & help address trade deficit in food	Understanding and developing the waste valorisation ecosystem
/		

SUSTAINABLE NEW MATERIALS AND PROTEIN Affordable, nutritionally balanced, consumer-preferred products based on sustainable sources of new materials and protein		New & existing sources of protein; breeding for boosted protein levels Exploiting under-used crops suited to UK agronomy Understanding and predicting satiety levers Product structure design for targeted putrient delivery
/	/	Product structure design for targeted nutrient delivery

		 Flexible technologies for decreased downtime & local manufacture
	FLEXIBLE AND SCALABLE MANUFACTURING	Right first time manufacture and fast prototyping
W.	Solutions to support premium and personalized nutrition	Minimal processing to reduce energy, water and waste
	Benefits including healthy ageing	Integration of packaging with food manufacturing processes

Δ	Internet of Things to connect machines and supply chains
DIGITAL MANUFACTURING	Advanced robotics including safe human-robot interactions
Maximize labour and resource productivity	AI to optimise food processes and supply chain control
	Novel sensors to monitor and control food systems

Innovate UK Knowledge Transfer Network www.ktn-uk.org @KTNUK

Knowledge Transfer Network Agri-Food UK Landscape tool

Overview Overview Sectors • 37 47 Key Sector 118 nnovatio 69 Research Capabilities Underpinning 34 More From the KTN Organisations Funders

Agri-Food UK Landscape

Navigating the UK landscape of:

- Funders
- Research providers
- Support agencies
- Innovation centres
- Innovation networks
- Key organisations
- Underpinning organisations <u>www.af.ktnlandscapes.com</u>

Further support KTN Agri-Food team

Our People



Bryan Hanley Specialist, AgriFood

Agri-food Chemistry



Callum Harvey Knowledge Transfer Manager, AgriFood



Chris Danks Knowledge Transfer Manager, AgriFood Agri-food Biotechnology



David Telford Knowledge Transfer Manager, AgriFood

Agri-food

Jayne.brookman@ktn-uk.org

Tel: 07957 543753



Jayne Brookman Head of Agri-Food

Agri-food



Liliya Serazetdinova Knowledge Transfer Manager, AgriFood

Agri-food



Serena Broadway Knowledge Transfer Manager, AgriFood

Agri-food



Simon Baty Knowledge Transfer Manager, AgriFood

Agri-food Biotechnology



18:00 Reception 19:00 Dinner



Agenda



Thursday 22nd February

Royal Berkshire Conference Centre, Madejski Stadium, Reading, Berkshire, RG2 OFL

		08.30-09.30	RisingFoodStars	
			PARTNER ASSEMBLY	
09.30 – 12.30 Innovation marketplace		09.30 – 11.30	General	
	(including call helpdesk)		PARTNER ASSEMBLY	
12.30 – 13.30	Buffet lunch			
13.30 – 18.00	Innovation marketplace	13:30 – 14:30	Training on call for proposals	
	(including call helpdesk)		2019 in Intranet EIT Food plaza	
		16:00	Official closure	

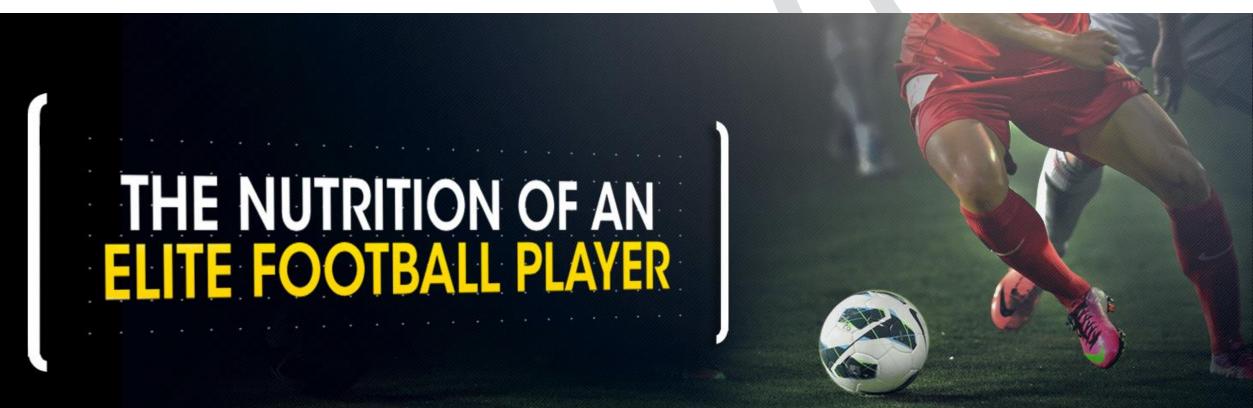
EIT Food Contact jente.schoutens@eitfood.eu - +32 484 72 48 14

Key for venues: Directors Lounge | Windsor Lounge | Princess Suite | 1851 and Kennet



Richard Allison Performance Nutritionist Arsenal





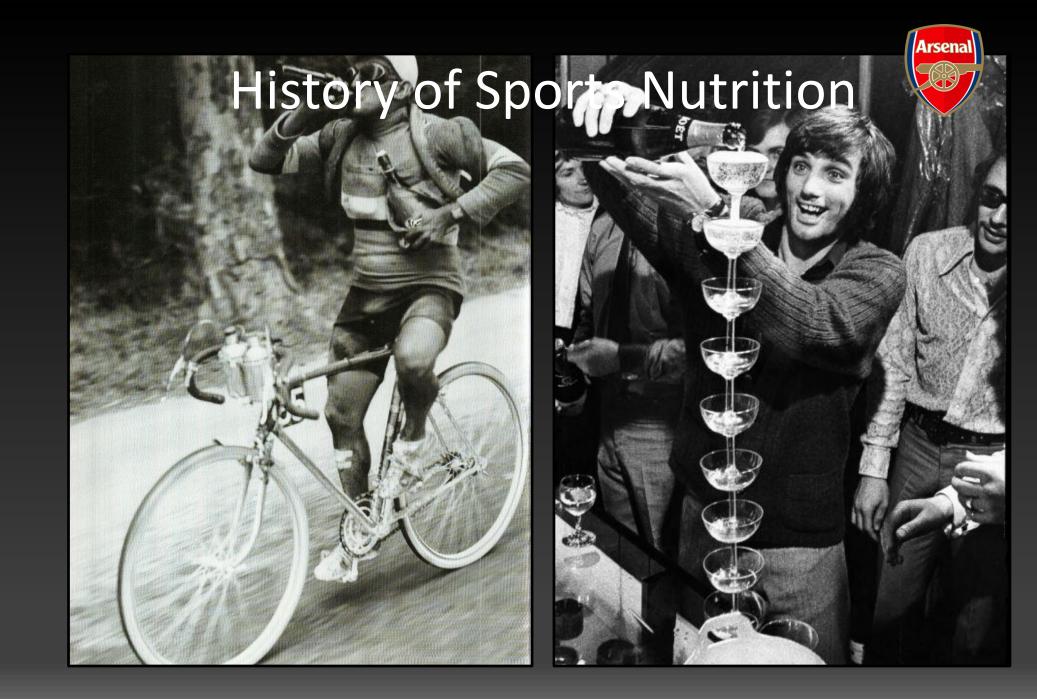
Fueling the Elite Footballer

Richard Allison

Performance Nutritionist Arsenal F.C.

@Sport_Dietitan

Arsen



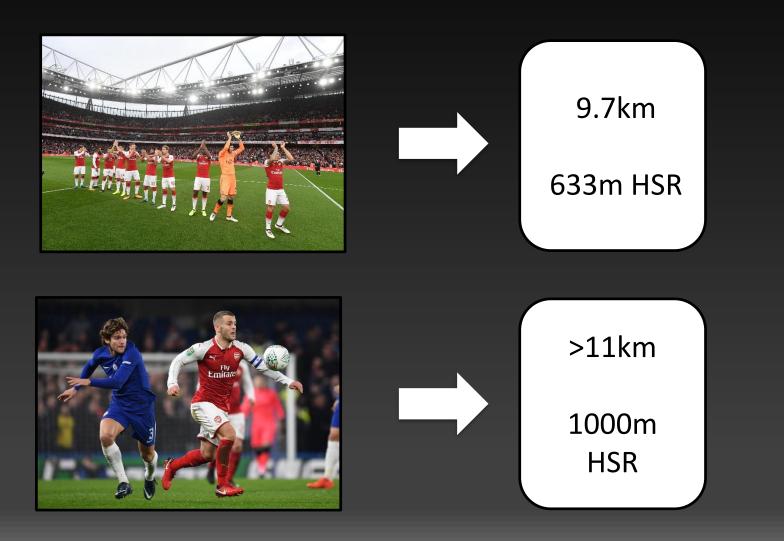
Demands of football





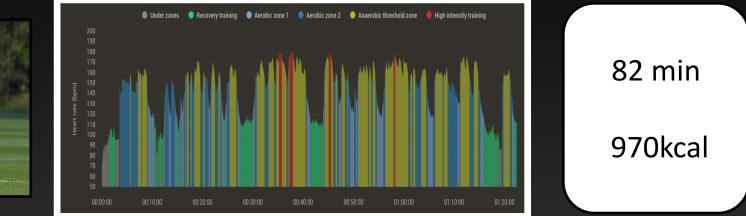
Match



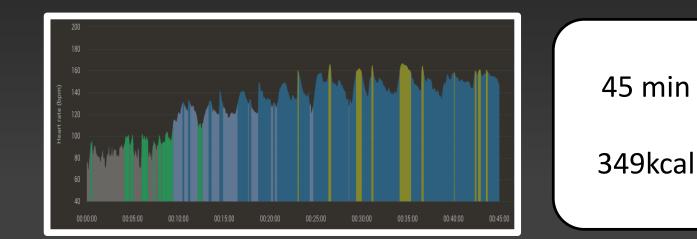


Training







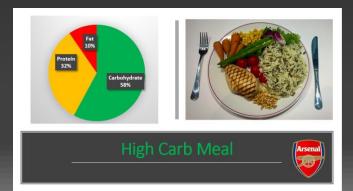


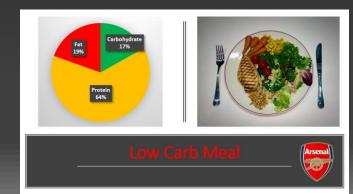


Periodisation



	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	13	14	15	16	17	18	19
Breakfast							
Morning	OFF	Training 10:00	Training 10:00		Training 10:00	Training 10:00	Match (H)
Lunch							
Afternoon				Match (A)			
Evening meal							











Pre-match







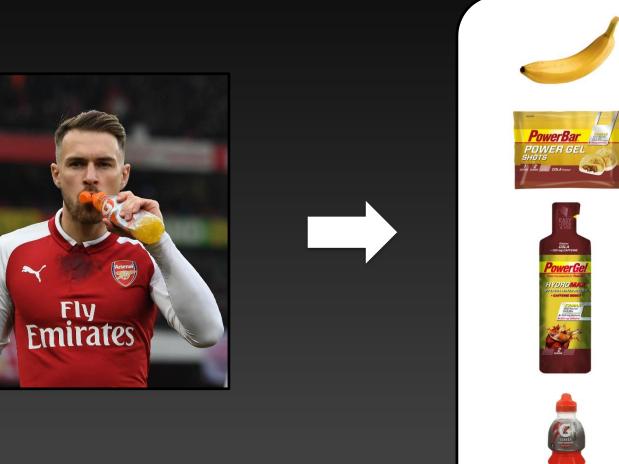






Half time







Post match







Match schedule/travel





Hydration





G[×] PLATFORM COMPONENTS



HYDRATION PROFILE

Profile Captures Athlete's Unique Physiology



PODS A Range of Flavors and Formulas



BOTTLE & ID RING

Customized for Each Athlete on Team



STATION Fluid Balance Tracking and Digital Scale

Difference between players







Total Mass (kg)	Tissue %Fat	Lean Mass (kg)	Fat Mass (kg)
81.6	11.40%	69.7	8.9
83	4.60%	76.2	3.7

Supplements





- Convenient and Appealing
- Evidence
- Excess
- WADA (Safety and Contamination)



Different Player's Diets







- B12
- Iron
- Protein
- Energy intake
- Stigma?

Injury







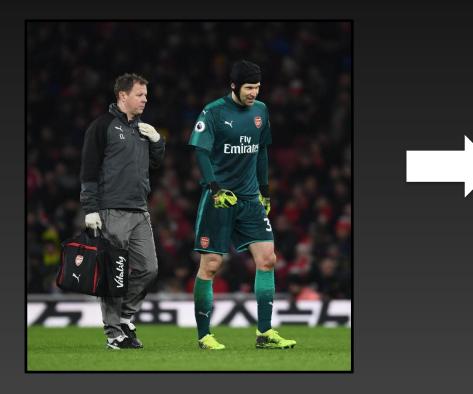




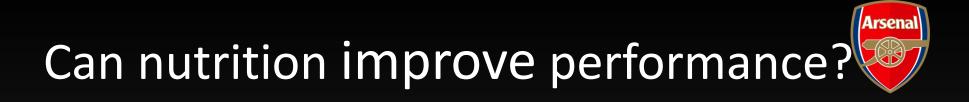


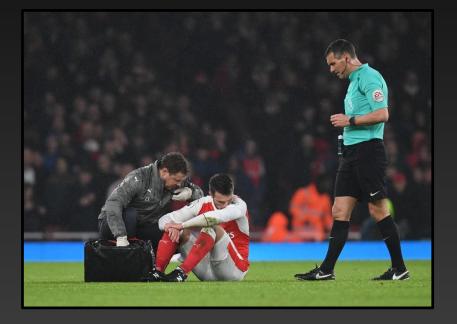
Illness

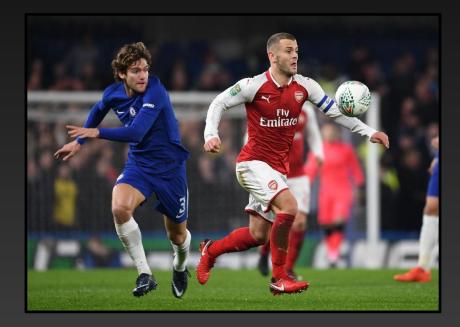




- Zinc
- Vitamin C
- Carbohydrate
- Hand hygiene









Thank you





EIT Food Innovation Marketplace Thursday 22 February

Welcome







Reading I 21-22 February 2018



Agenda



Thursday 22nd February

Royal Berkshire Conference Centre, Madejski Stadium, Reading, Berkshire, RG2 OFL

		08.30-09.30	RisingFoodStars
			PARTNER ASSEMBLY
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	(including call helpdesk)		PARTNER ASSEMBLY
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	(including call helpdesk)		2019 in Intranet EIT Food plaza
		16:00	Official closure

EIT Food Contact jente.schoutens@eitfood.eu - +32 484 72 48 14

Key for venues: Directors Lounge | Windsor Lounge | Princess Suite | 1851 and Kennet



EIT Food Partner Assembly

Peter van Bladeren Chairperson of Supervisory Board EIT Food



Reading I 22 February 2018



Agenda

For information

- 1. Opening of meeting
- 2. Update by the Chairperson
- 3. Legal readiness (FPA, SGA, Accession Forms, Internal Grant Agreement)
- 4. Transfer of the registered office of the Association
- 5. Potential new partners
- 6. Update on waivers and up- or downgrades of partnership status
- 7. EIT FPA and the model EIT SGA
- 8. Gender diversity

For decision – voting

- 9. Amendment to the Business Plan 2018
- 10. Annual budget 2018
- 11. Waiver partnership fees

For information

12. Closure of the meeting

1. Opening of meeting



By Peter van Bladeren, Chairperson of Supervisory Board EIT Food

2. Update by the chairperson



By Peter van Bladeren, Chairperson of Supervisory Board EIT Food

- Appointment of CEO
- EIT Grant

3. Legal readiness

Information on:

- Framework Partnership Agreement
- Specific Grant Agreement
- Accession Forms
- Internal Grant Agreement



4. Transfer of registered office



- EIT Food is located at I&I Building, Leuven, Belgium
- There are several reasons for EIT Food to move to new location
- New location is Philips site, Leuven, Belgium
- Benefits of new location:
 - More possibilities for growth
 - Better look and feel
 - More comfort and better services
- Amended Statutes will include new headquarters
- Move-in is planned for October 2018

5. Potential new partners



- EIT Food wants to grow and expand its community
- Potential partners will be explored
- Admission criteria are clearly mentioned in Statutes:
 - Industrial, service, higher education or research
 - Incorporated in EU member state or associated country
 - Be active in or for the food sector (supporting EIT Food aim)
 - Act in the CLC
 - Ability to adhere to overall EIT Food objectives
 - Complementarity and excellence
- Contribution to EIT Food Strategic Objectives is crucial
- Potential partners need to submit membership request via the CLC
- Supervisory Board decides on new partners

6. Update on waivers and partnership status



- Annual process for waiver requests was closed on 15 January
- Membership fees 2018 should be paid soon
- Some requests for waivers (see point 11)

7. EIT FPA and model SGA



- Framework Partnership Agreement signed by EIT Food
- Specific Grant Agreement (including BP 2018) expected soon

8. Gender diversity



- Gender Action Plan 2017-2018 of EIT Food
- Gender equality and non-discrimination are key
- Three priority areas:
 - EIT Food management structure (SB and MB) and staff (recruitment)
 - EIT Food activities and processes (Activity Leaders, educational programmes, entrepreneurship, etc.)
 - Gender equality mainstreaming and communication

8. Gender diversity (ctn.)



- Objectives (and indicators):
 - 1. Strive for gender balance in management board and supervisory board when renewing the positions to reach at least 30% representation of the under-represented gender
 - 2. Equal treatment within the organisation
 - 3. Strive for gender balance, in order to reach the target of at least 40% of the underrepresented gender in evaluation panels
 - 4. Foster gender balance, in order to reach the target of at least 40% of the under-represented gender among activity leaders
 - 5. Encourage girls and women in enrolling in food science studies and foster women participation in online courses and master programmes
 - 6. Increase the number of start-ups, with women at management positions, that are supported or created by EIT Food
 - 7. Strive for gender balance representation in the consumers involved in communication activities (Citizen participation forum, Trust barometer, etc.)

9. Amendment of Business Plan 2018



- Modifications are result of EIT decision on EIT Grant (after November Hearing)
- EIT Grant (KAVA) 2018 = 26,7 million euro (<-> requested = 34 million euro)
- Most activities secured
- Strategic Recommendations from EIT:
 - Include clear strategic objectives and well-defined and measurable framework
 - Develop cross-KIC activities
 - Finalise financial sustainability strategy
 - Refine partnership growth strategy to increase impact
 - Enhance coordination with other EU food programmes

9. Amendment of Business Plan 2018



• **Approve** amendment to the Business Plan 2018 (Art. 11.3.1.9 of Statutes)

- 2017: final SUGA report in preparation + ongoing audit
- 2018 budget = 128 million euro

BODGET 2018			
TOTAL	KAVA	КСА	
127 798	39 151	88 647	
	31%	69%	

DUDCET 2010

(Figures in K €)

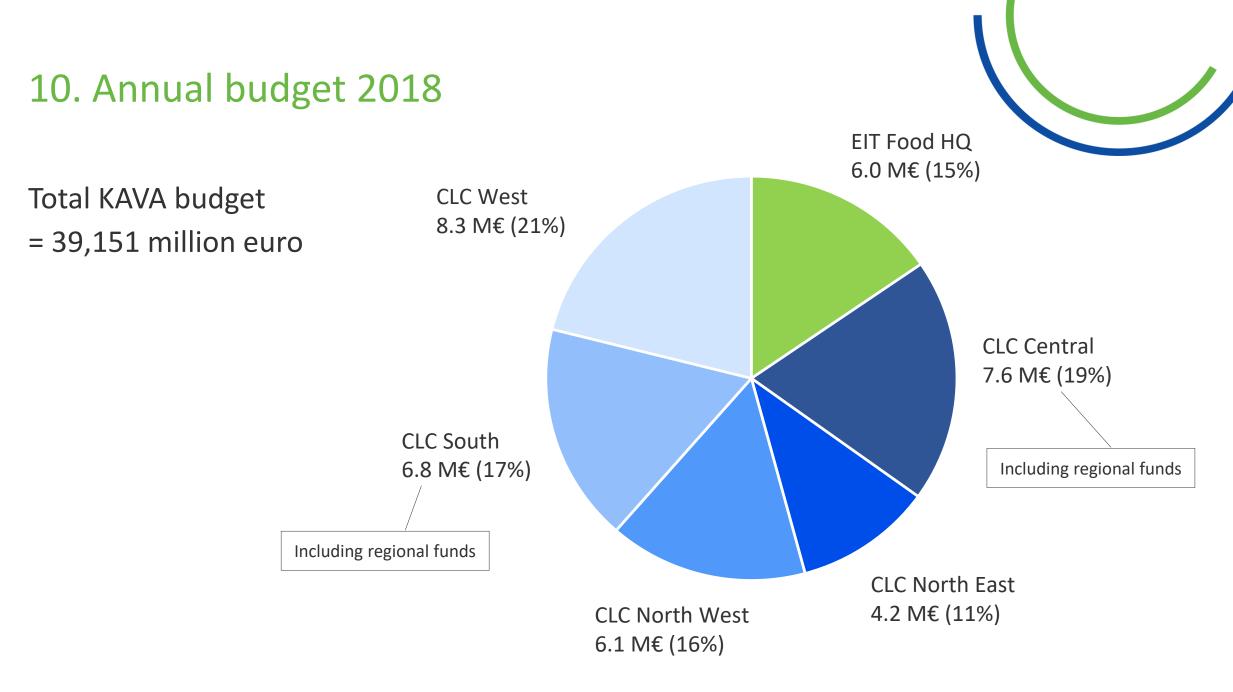
TOTAL	EIT FUNDING	CO-FUNDING	КСА	
127 798	26 772	12 380	88 647	
	21%	10%	69%	

(Figures in K €)				
INCOME 2018	TOTAL	EIT FUNDING	CO-FUNDING	
	39 151	26 772	12 380	
	33 131	68%	32%	
Co-Funding			12 380	
Partnership fees			3 703	
			30%	
Local / Regional			825	
			7%	
From partners			7 851	
			63%	

EIT Funding

26 772

(Figures in K €)				
BUDGET 2018	TOTAL	EIT FUNDING	CO-FUNDING	KCA
TOTAL	127 798	26 772	12 380	88 647
Activities	122 176	24 664	8 864	88 647
	96%	92%	72%	100%
Innovation	69 037	11 200	5 209	52 628
	54%	42%	42%	59%
Education	21 701	5 454	423	15 824
	17%	20%	3%	18%
Business Creation	20 238	3 687	2 851	13 700
	16%	14%	23%	15%
Communication	9 259	3 090	382	5 787
	7%	12%	3%	7%
RIS	1 941	1 234		707
	2%	5%		1%
CLC	2 196	1 471	1 715	
CLC	3 186	1 471		
	2%	5%	14%	
Central KIC	2 280	479	1 800	
	2%	2%	15%	
Cross KIC activities	157	157		
	0%	1%		



- Successful start-up year SUGA
- Also Early Birds for 850.000 euro
- Important EIT Grant (KAVA) 2018 of 26,8 million euro
- Total EIT Food investment equal to 128 million euro
- Strong partner commitment and engagement worth 11,5 million euro (KAVA)
- Regionally balanced (among CLCs)
- Covering a wide range of activities (54% innovation)
- Overall, healthy financial situation



• <u>Approve</u> annual budget 2018 of Association, as proposed by Supervisory Board (Art. 11.3.1.4 of the Statutes)

11. Waiver partnership fees



- <u>Approve</u> 2018 waiver for obligation to pay Partnership Fees to specific Core Partners upon proposal of the Supervisory Board (Art.11.3.1.3 of the Statutes)
- Waiver requests:
 - PeakBridge Partners: full waiver
 - PlantLab: partial waiver (25.000 euro fee)
 - EUFIC: full waiver
 - AIA (Associaziona Italiana Allevatore): full waiver

12. Closure of the meeting



By Peter van Bladeren, Chair of Supervisory Board EIT Food

Thanks a lot!





Reading I 22 February 2018







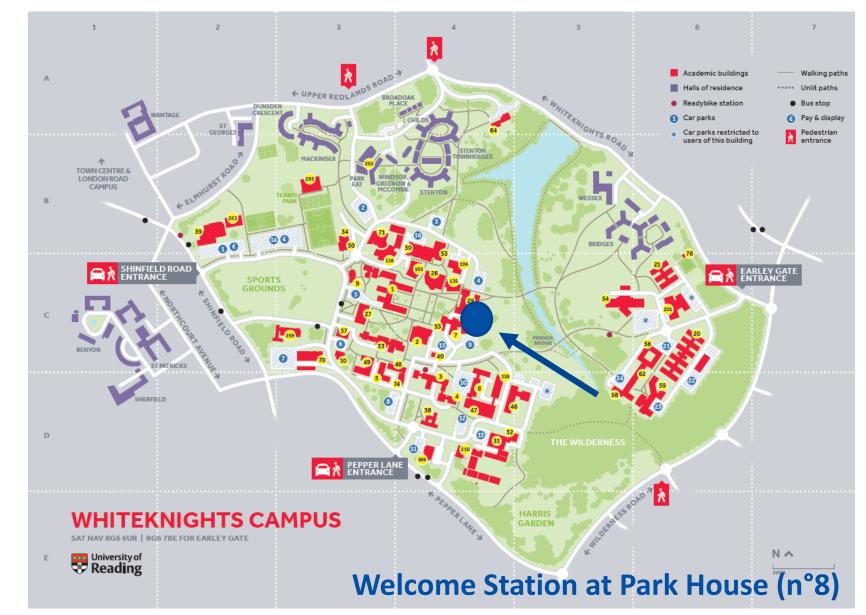


Official Closure

Margaret Bath CEO EIT Food



23 Feb Meeting facilities at University of Reading





Innovate with us!



eitfood.eu

